

What is claimed is:

1. A cathode ray tube comprising:

a panel having an outer surface which is substantially flat and an inner surface which has a radius of curvature; and

5 a shadow mask having a plurality of apertures through which electron beams pass,

wherein a ratio  $Sh/Sv$  of a horizontal dimension  $Sh$  of the aperture to a vertical dimension  $Sv$  of the aperture satisfies a condition of  $Sh/Sv < 1$  at a central portion of the shadow mask.

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2. The cathode ray tube of claim 1, wherein the ratio  $Sh/Sv$  satisfies a condition of  $Sh/Sv < 1$  at an end portion of a short axis of the shadow mask.

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3. The cathode ray tube of claim 2, wherein the ratio  $Sh/Sv$  satisfies a condition of  $Sh/Sv \geq 1$  at an end portion of a diagonal axis of the shadow mask.

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4. The cathode ray tube of claim 2, wherein the ratio  $Sh/Sv$  satisfies  $Sh/Sv \geq 1$  at an end portion in a long axis of the shadow mask.

5. The cathode ray tube of claim 1, wherein the ratio  $Sh/Sv$  is satisfies a condition of  $0.89 \leq Sh/Sv \leq 0.95$  at the central portion of the shadow mask.

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6. The cathode ray tube of claim 1, wherein the ratio  $Sh/Sv$  satisfies a condition of  $Sh/Sv < 1$  on a short axis of the shadow mask.

7. The cathode ray tube of claim 1, wherein, by defining the ratio  $Sh/Sv$  at the central portion of the shadow mask as A and the ratio  $Sh/Sv$  at an end portion of a diagonal axis of the shadow mask as B, a ratio  $B/A$  satisfies a condition  $B/A \geq 1.1$ .

8. The cathode ray tube of claim 1, which is used for a monitor.

9. The cathode ray tube of claim 1, wherein the ratio  $Sh/Sv$  satisfies a condition  $0.90 \leq Sh/Sv \leq 0.96$  at a region corresponding to 80%~95% of a distance from a center of the shadow mask to an end of a short axis of the shadow mask.

10. The cathode ray tube of claim 1, wherein the ratio  $Sh/Sv$  satisfied a condition  $0.95 \leq Sh/Sv \leq 1.03$  at a region corresponding to 80%~95% of a distance from a center of the shadow mask to an end of a long axis of the shadow mask.

11. The cathode ray tube of claim 1, wherein the ratio  $Sh/Sv$  satisfies a condition  $0.95 \leq Sh/Sv \leq 1.05$  at a region corresponding to 80%~95% of a distance from a center of the shadow mask to an end of a diagonal axis of the shadow mask.